

Table HC4.5 Space Heating Usage Indicators by Renter-Occupied Housing Unit, 2005
Million U.S. Housing Units

Space Heating Usage Indicators	U.S. Housing Units (millions)	Renter- Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit					
			Single-Family Units		Apartments in Buildings With--		Mobile Homes	
			Detached	Attached	2 to 4 Units	5 or More Units		
Total U.S. Housing Units.....	111.1	33.0	8.0	3.4	5.9	14.4	1.2	
Do Not Have Heating Equipment.....	1.2	0.6	Q	Q	Q	0.3	Q	
Have Space Heating Equipment.....	109.8	32.3	8.0	3.3	5.8	14.1	1.1	
Use Space Heating Equipment.....	109.1	31.8	8.0	3.2	5.6	13.9	1.1	
Have But Do Not Use Equipment.....	0.8	0.5	N	Q	Q	Q	Q	
Space Heating Usage During 2005								
Heated Floorspace (Square Feet)								
None.....	3.6	2.1	Q	Q	0.4	1.1	Q	
1 to 499.....	6.1	3.3	0.4	Q	0.8	1.8	Q	
500 to 999.....	27.7	15.9	2.1	1.4	3.4	8.2	0.8	
1,000 to 1,499.....	26.0	7.6	2.5	1.0	1.1	2.9	Q	
1,500 to 1,999.....	17.6	2.3	1.5	0.3	0.2	0.3	Q	
2,000 to 2,499.....	10.7	0.7	0.4	0.2	Q	Q	N	
2,500 to 2,999.....	7.7	0.5	0.4	Q	N	Q	N	
3,000 to 3,499.....	3.8	Q	Q	N	N	N	N	
3,500 to 3,999.....	2.6	Q	Q	N	N	N	N	
4,000 or More.....	5.2	0.2	0.2	N	N	Q	N	
Total Number of Rooms (Excluding Bathrooms)								
0.....	2.1	1.3	Q	Q	Q	0.7	Q	
1 or 2.....	3.1	2.7	Q	Q	0.4	2.2	N	
3.....	8.3	6.9	0.4	0.6	1.2	4.4	Q	
4.....	16.6	9.3	1.2	1.2	2.1	4.4	0.5	
5.....	23.3	7.1	2.4	0.7	1.6	2.2	0.3	
6.....	22.6	3.4	2.1	0.5	0.3	0.4	Q	
7.....	16.3	1.4	1.0	0.2	Q	Q	Q	
8.....	9.7	0.6	0.4	Q	Q	N	N	
9 or More.....	9.1	0.4	0.4	N	Q	Q	N	
At Home Behavior								
Home Used for Business								
Yes.....	8.9	1.1	0.5	Q	Q	0.4	Q	
No.....	102.2	31.9	7.5	3.4	5.7	14.1	1.2	
Someone Home All Day								
Yes.....	56.4	15.0	4.4	1.6	2.7	5.8	0.6	
No.....	54.7	17.9	3.6	1.9	3.2	8.6	0.6	
Housing Unit Characteristics Affecting Usage								
Adequacy of Insulation								
Well Insulated.....	42.8	10.0	2.0	0.8	1.8	5.1	0.2	
Adequately Insulated.....	46.3	13.3	3.0	1.5	2.2	6.1	0.4	
Poorly Insulated.....	19.0	7.9	2.6	0.8	1.4	2.5	0.5	
No Insulation.....	1.4	0.5	Q	Q	Q	Q	N	
Don't Know.....	1.7	1.3	Q	0.3	0.3	0.5	Q	
Home is Too Drafty During the Winter								
Never.....	62.9	15.3	3.5	1.4	2.6	7.5	0.4	
Some of the Time.....	32.4	9.9	2.6	1.1	1.9	3.8	0.5	
Most of the Time.....	6.1	2.6	0.8	0.2	0.7	0.9	Q	
All of the Time.....	5.6	2.5	0.8	0.4	0.3	0.9	Q	
Don't Know.....	4.1	2.6	0.4	0.4	0.4	1.4	Q	

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			Single-Family Units		Apartments in Buildings With--		2 to 4 Units	5 or More Units	
			Detached	Attached	Detached	Attached			
Unusually High Ceilings									
Yes.....	27.2	3.6	1.3	0.3	0.7	1.3	N		
No.....	76.9	28.2	6.7	3.1	5.2	13.2			
Not Asked (Mobile Homes).....	6.9	1.2	N	N	N	N		1.2	
Cathedral Ceilings (In Housing Units with High Ceilings)									
Yes.....	17.1	1.6	0.6	Q	Q	0.6	N		
No.....	10.1	2.0	0.6	Q	0.6	0.7	N		
Type of Glass in Windows									
Single-pane Glass.....	50.7	20.1	5.3	2.3	3.4	8.2	0.9		
Double-pane Glass									
Without Low-e Coating.....	50.6	12.1	2.4	1.2	2.4	5.9	0.3		
With Low-e Coating.....	8.0	0.5	Q	N	Q	Q	Q		
Triple-pane Glass									
Without Low-e Coating.....	1.0	Q	Q	N	N	Q	N		
With Low-e Coating.....	0.3	N	N	N	N	N	N		
Proportion of Original Windows Replaced									
All.....	22.4	5.6	1.3	0.5	1.5	2.2	Q		
Some.....	21.6	3.5	1.3	0.5	0.6	0.9	Q		
None.....	62.3	20.1	4.9	1.8	3.1	9.6	0.8		
Don't Know.....	4.7	3.8	0.5	0.7	0.7	1.8	Q		
Thermostats									
Do Not Have a Thermostat.....	15.3	7.5	1.2	0.5	1.4	4.2	Q		
Have a Thermostat.....	95.8	25.4	6.8	2.9	4.6	10.2	1.0		
1.....	84.5	23.8	6.5	2.7	4.3	9.3	1.0		
2 or More.....	11.3	1.7	0.3	0.2	0.2	0.9	Q		
Have a Programmable Thermostat									
Yes.....	33.1	5.4	1.9	0.5	1.0	1.6	0.3		
No.....	62.7	20.1	4.9	2.3	3.5	8.6	0.8		
Use of Programmable Thermostats									
Reduces Temperature During Day									
Yes.....	18.6	2.3	0.7	0.2	0.6	0.7	Q		
No.....	14.5	3.0	1.2	0.4	0.4	1.0	Q		
Reduces Temperature at Night									
Yes.....	21.5	2.9	0.9	0.3	0.6	0.9	Q		
No.....	11.6	2.5	1.0	0.3	0.4	0.7	Q		

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes			
			Detached	Attached	2 to 4 Units	5 or More Units				
Winter 2005 Temperature Settings										
Lower Temperature Settings										
Daytime When No One is at Home										
Yes.....	40.5	9.2	3.0	1.2	1.5	3.1	0.4			
No.....	59.1	17.8	4.0	1.7	3.3	8.1	0.7			
Unknown.....	11.4	6.0	1.0	0.6	1.1	3.1	Q			
During Sleeping Hours										
Yes.....	40.7	7.4	2.2	0.7	1.3	3.0	Q			
No.....	60.2	20.1	4.9	2.2	3.6	8.5	0.9			
Unknown.....	10.2	5.5	0.9	0.6	1.0	3.0	Q			
Daytime Setting When No One is at Home										
Heat Turned On.....	93.7	25.1	6.7	2.7	4.3	10.3	1.0			
63 Degrees or Less.....	18.9	5.0	1.6	0.6	1.0	1.6	Q			
64 to 66 Degrees.....	17.4	3.9	1.0	0.5	0.6	1.6	Q			
67 to 69 Degrees.....	17.8	3.3	0.9	0.3	0.7	1.3	Q			
70 Degrees.....	16.0	5.7	1.1	0.5	0.9	2.9	0.2			
71 to 73 Degrees.....	10.2	2.4	0.7	0.3	0.5	0.8	Q			
74 Degrees or More.....	13.5	4.8	1.3	0.4	0.8	2.1	Q			
Don't Know/No Answer.....	7.4	3.9	0.7	0.4	0.7	2.1	Q			
Do Not Use Space Heating.....	1.3	0.6	Q	Q	Q	0.3	Q			
Heat Turned Off.....	8.7	3.4	0.6	0.2	0.8	1.7	Q			
Daytime Setting When Someone is at Home										
Heat Turned On.....	101.5	27.6	7.1	2.9	5.0	11.6	1.1			
63 Degrees or Less.....	4.1	1.7	0.5	Q	0.5	0.6	Q			
64 to 66 Degrees.....	8.2	2.1	0.5	0.3	0.4	0.7	Q			
67 to 69 Degrees.....	23.6	4.1	1.0	0.4	0.9	1.6	Q			
70 Degrees.....	24.6	7.6	1.6	0.9	1.1	3.7	0.3			
71 to 73 Degrees.....	17.6	3.6	1.1	0.5	0.6	1.3	Q			
74 Degrees or More.....	23.2	8.5	2.4	0.8	1.3	3.7	0.3			
Don't Know/No Answer.....	6.0	3.5	0.7	0.4	0.6	1.8	Q			
Do Not Use Space Heating.....	1.3	0.6	Q	Q	Q	0.3	Q			
Heat Turned Off.....	2.3	1.2	0.3	Q	Q	0.7	N			
Setting During Sleeping Hours										
Heat Turned On.....	98.1	26.6	6.9	2.8	4.7	11.1	1.0			
63 Degrees or Less.....	13.0	2.8	0.9	Q	0.8	1.0	Q			
64 to 66 Degrees.....	18.4	3.6	0.9	0.4	0.6	1.5	0.2			
67 to 69 Degrees.....	20.8	3.9	1.0	0.5	0.8	1.5	Q			
70 Degrees.....	18.5	6.7	1.5	0.6	1.0	3.2	0.3			
71 to 73 Degrees.....	11.1	2.9	0.9	0.4	0.4	1.1	Q			
74 Degrees or More.....	16.3	6.7	1.7	0.8	1.2	2.8	0.3			
Don't Know/No Answer.....	6.4	3.5	0.7	0.3	0.6	1.9	Q			
Do Not Use Space Heating.....	1.3	0.6	Q	Q	Q	0.3	Q			
Heat Turned Off.....	5.4	2.2	0.4	Q	0.5	1.1	Q			

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes				
			Detached	Attached	2 to 4 Units	5 or More Units					
Secondary Heating											
Use Any Secondary Heating Equipment											
Yes.....	34.9	5.2	2.2	0.5	0.8	1.5	0.2				
No.....	74.9	27.1	5.8	2.8	5.0	12.6	0.9				
Proportion of Heat Provided by Secondary Heating Equipment											
Close to One-Half.....	4.4	0.9	0.3	Q	Q	0.4	Q				
About One-Quarter.....	5.8	0.8	0.4	Q	Q	0.2	Q				
Very Little or None.....	24.7	3.5	1.5	0.5	0.6	0.9	Q				
Type of Supplemental Heating Equipment Used											
Heat Pump.....	0.6	Q	N	N	N	Q	N				
Central Warm-Air Furnace.....	2.3	Q	Q	N	Q	Q	Q				
Steam/Hot Water System.....	Q	N	N	N	N	N	N				
Built-in Electric Units.....	2.2	0.3	Q	Q	Q	Q	Q				
Built-in Pipeless Furnace.....	0.3	Q	N	N	Q	N	Q				
Built-in Room Heaters.....	1.4	Q	Q	N	N	N	N				
Heating Stove.....	2.1	Q	Q	N	N	N	N				
Portable Electric Heaters.....	14.3	3.4	1.3	0.4	0.5	1.1	Q				
Portable Kerosene Heaters.....	0.6	Q	Q	N	N	N	Q				
Cooking Stove.....	0.5	0.2	Q	Q	Q	Q	N				
Fireplace.....	10.5	0.8	0.4	Q	Q	Q	Q				
Fireplace Fuel											
Wood.....	6.9	0.5	0.3	Q	Q	Q	Q				
Natural Gas.....	2.7	0.2	Q	Q	Q	Q	N				
Propane.....	0.9	N	N	N	N	N	N				
Use of Gas Fireplace											
During Winter Months											
Most Days.....	1.2	Q	Q	Q	Q	Q	N				
About Once a Week.....	1.3	Q	Q	Q	N	N	N				
Less than 4 Times each Month.....	1.1	Q	Q	N	N	N	N				
Humidifier Use Each Year											
Use a Humidifier.....	14.2	2.2	0.6	0.3	0.2	1.1	Q				
1 to 3 Months Each Year.....	7.1	1.5	0.4	0.3	Q	0.7	Q				
4 to 6 Months Each Year.....	5.6	0.5	Q	Q	Q	0.3	Q				
7 to 9 Months Each Year.....	0.4	Q	Q	N	N	N	N				
10 to 11 months.....	Q	N	N	N	N	N	N				
Turned on All Year Long.....	1.1	0.2	Q	Q	Q	Q	N				
Do Not Use a Humidifier.....	96.9	30.8	7.4	3.1	5.7	13.4	1.1				

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

N = No cases in reporting sample.

Notes: • Because of rounding, data may not sum to totals. • See Glossary for definition of terms used in these tables.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2005 Residential Energy Consumption Survey.